

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/00 C12Q1/26 G01N33/487 G01N27/403

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 287 451 B1 (YOUNG CHUNG CHANG ET AL) 11 September 2001 (2001-09-11)	1-3, 6-12, 16-26, 29-57, 59-63
Y	column 4, line 35 - line 40 column 5, line 1 - line 8 column 10, line 41 - line 53 ----- -/--	4, 5, 13-15, 27, 28, 58

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

13 January 2005

Date of mailing of the international search report

21/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2001/006149 A1 (IKEDA SHIN ET AL) 5 July 2001 (2001-07-05)</p> <p>paragraphs '0007!, '0008!, '0010!, '0012!, '1325!, '0026!, '0034! - '0036!, '0041!, '0042!</p>	<p>1-3, 5, 13, 16-18, 20-23, 26, 28, 31-33, 39-49, 53-60</p>
X	<p>EP 0 909 952 A (MATSUSHITA ELECTRIC IND CO LTD) 21 April 1999 (1999-04-21)</p> <p>paragraphs '0016!, '0019!, '0021!, '0026!, '0029!, '0032!, '0038!, '0039!, '0046!, '0048!, '0050!</p>	<p>1-3, 5, 13, 16-18, 20-23, 26, 28, 31-33, 39-49, 53-60</p>
Y	<p>MORRIS N A ET AL: "AN ELECTROCHEMICAL CAPILLARY FILL DEVICE FOR THE ANALYSIS OF GLUCOSE INCORPORATING GLUCOSE OXIDASE AND RUTHENIUM (III) HEXAMINE AS MEDIATOR" ELECTROANALYSIS, VHC PUBLISHERS, INC, US, vol. 4, no. 1, 1992, pages 1-9, XP002065769 ISSN: 1040-0397 the whole document</p>	<p>4, 28, 58</p>
Y	<p>VIDAL J C ET AL: "A chronoamperometric sensor for hydrogen peroxide based on electron transfer between immobilized horseradish peroxidase on a glassy carbon electrode and a diffusing ferrocene mediator" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 21, no. 2, August 1994 (1994-08), pages 135-141, XP004012315 ISSN: 0925-4005 page 136, column 1</p>	<p>5, 13</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	RAZUMIENE J ET AL: "Improvement of screen-printed carbon electrodes by modification with ferrocene derivative" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 95, no. 1-3, 15 October 2003 (2003-10-15), pages 378-383, XP004454696 ISSN: 0925-4005 the whole document	5,13
Y	----- US 5 520 786 A (BLOCZYNSKI MICHAEL L ET AL) 28 May 1996 (1996-05-28) cited in the application abstract	14,15,27
A	----- US 5 695 947 A (LAU SHEK-HONG ET AL) 9 December 1997 (1997-12-09) the whole document -----	1-63

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6287451	B1	11-09-2001	AT 273511 T 15-08-2004
		AU 5321200 A 18-12-2000	
		CA 2375092 A1 07-12-2000	
		DE 1212609 T1 28-11-2002	
		DE 60012946 D1 16-09-2004	
		DE 60012946 T2 05-01-2005	
		EP 1212609 A2 12-06-2002	
		ES 2177474 T1 16-12-2002	
		JP 2003501627 T 14-01-2003	
		WO 0073785 A2 07-12-2000	
US 2001006149	A1	05-07-2001	CN 1301962 A 04-07-2001
			EP 1126032 A1 22-08-2001
			JP 2001249103 A 14-09-2001
			US 2003205464 A1 06-11-2003
EP 0909952	A	21-04-1999	JP 3245103 B2 07-01-2002
			JP 11101770 A 13-04-1999
			JP 3267907 B2 25-03-2002
			JP 11101771 A 13-04-1999
			CN 1220394 A 23-06-1999
			EP 0909952 A2 21-04-1999
			US 5906921 A 25-05-1999
US 5520786	A	28-05-1996	AU 692387 B2 04-06-1998
			AU 5475096 A 19-12-1996
			CA 2177753 A1 07-12-1996
			DE 69622936 D1 19-09-2002
			DE 69622936 T2 02-01-2003
			EP 0747984 A2 11-12-1996
			JP 8334490 A 17-12-1996
US 5695947	A	09-12-1997	NONE